

MAR. 23. 2006 5:13PM

OBLON SPIVAK

NO. 955 P. 3



Docket No.: 240111US0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Takeshi SANO, et al.

GROUP: 1775

EXAMINER: C. Lam

SERIAL NO: 10/619,632

FILED: July 16, 2003

FOR:

ELASTIC CONDUCTIVE RESIN, AND ELECTRONIC DEVICE INCLUDING
ELASTIC CONDUCTIVE BUMPS MADE OF THE ELASTIC CONDUCTIVE
RESIN**DECLARATION UNDER 37 C.F.R. 1.132**COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

Sir:

Now comes Takeshi Sano who deposes and states that:1. I am a graduate of Musashi Institute of Technology and received my Bachelor'sdegree in the year 1986.2. I have been employed by Ricoh for 20 years as a engineer in
the field of electronics

3. I am an inventor in the above listed application.

Figure 3 shows, for multiple data points, that the elastic conductive resin composition of the invention achieves an approximately equal volume resistivity to, while simultaneously requiring significantly less filler than, a similar composition differing from the inventive composition only by employment of a flake filler.

The results described in Figure 3 were unexpected.

The results described in Figure 3 are also commercially significant. The results are commercially significant because the use of (approximately 20%) fewer conductive particles,

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Declaration under 37 C.F.R. 1.132

while maintaining inventive composition conductivity (when compared to similar compositions not employing conductive particles of the invention), would result in significant cost savings when practicing the invention on a commercial scale.

4. The undersigned petitioner declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

5. Further deponent saith not.

Customer Number

22850

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(OSM:AM 07/05)

Signature

Takeshi Sano

Date

29 March 2006